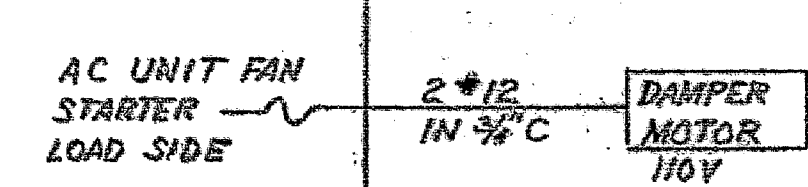


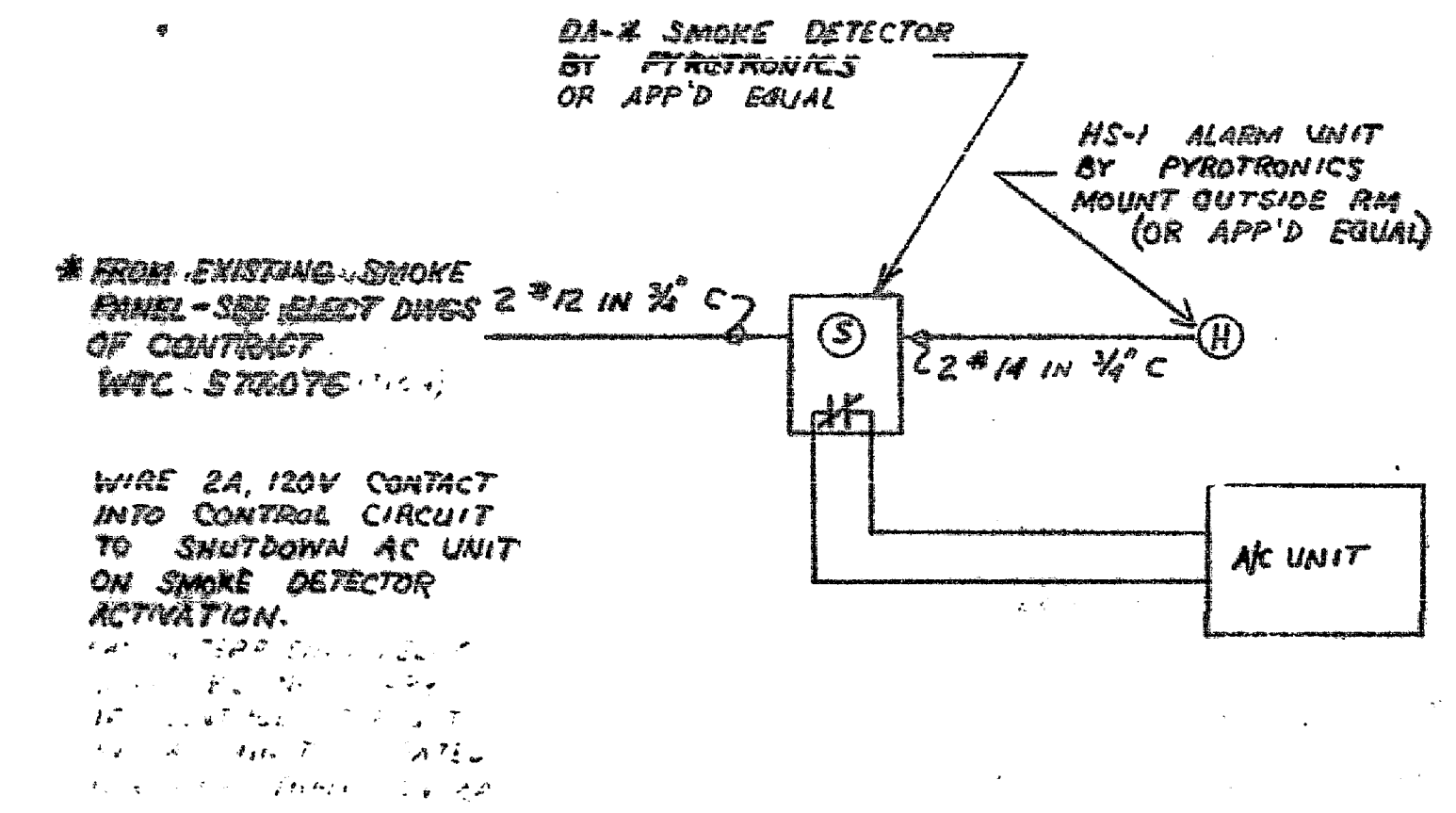
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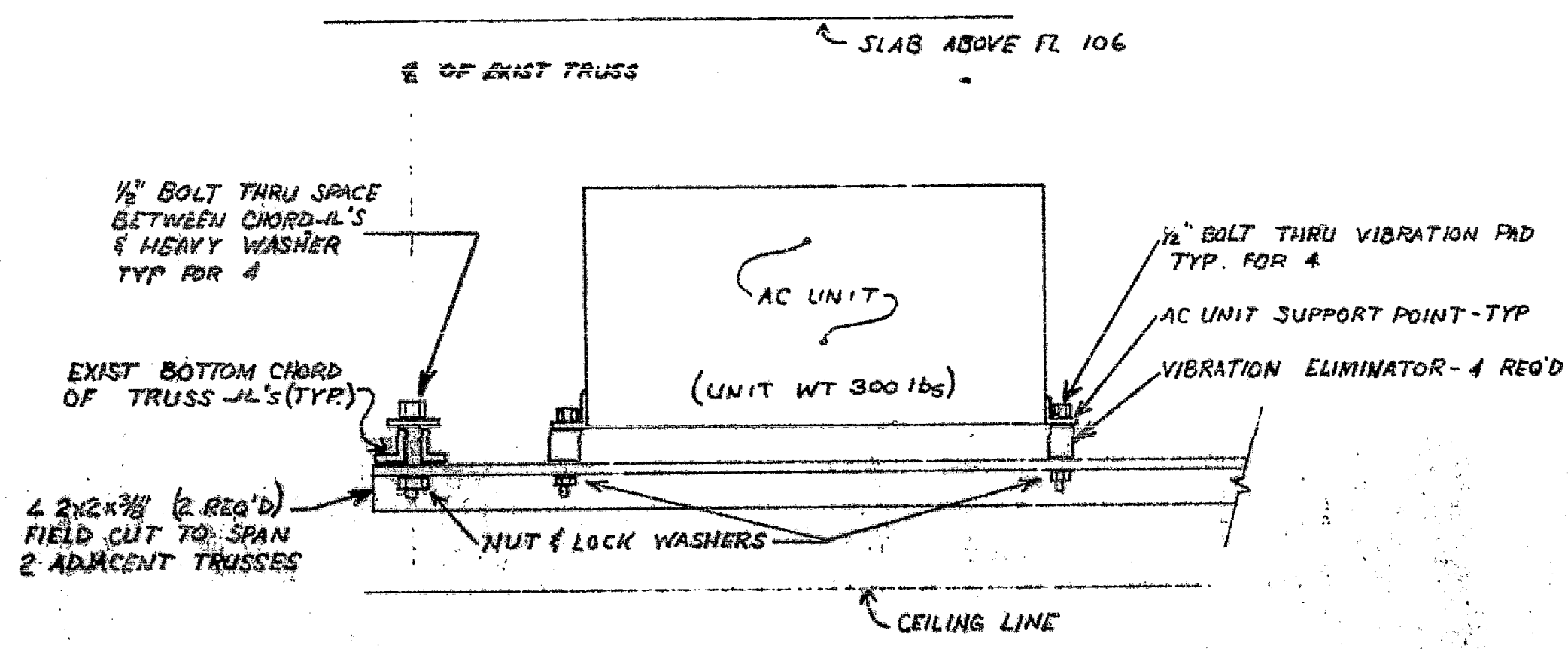


MOTORIZED DAMPER SCHEMATIC

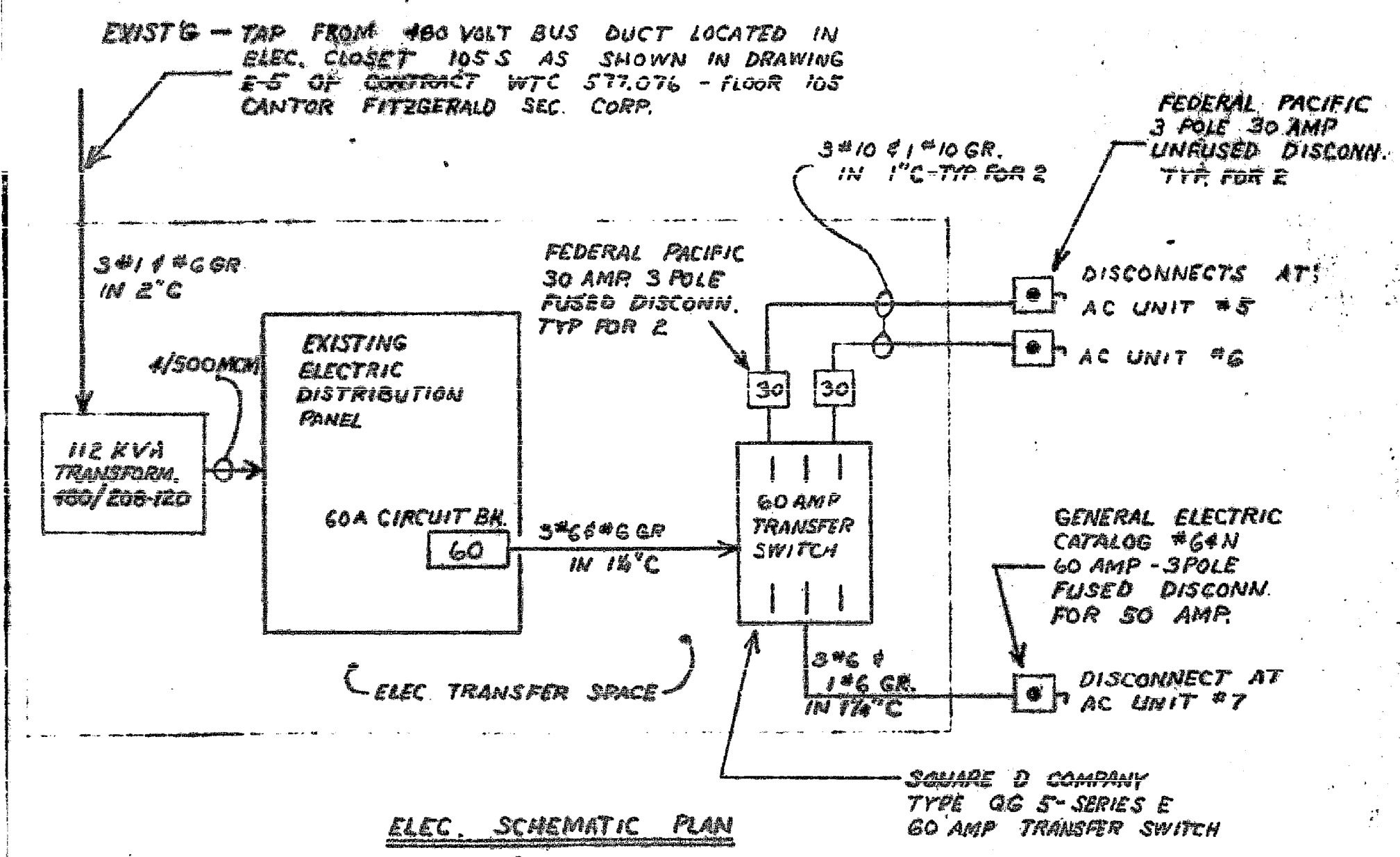


SMOKE CONTROL SCHEMATIC

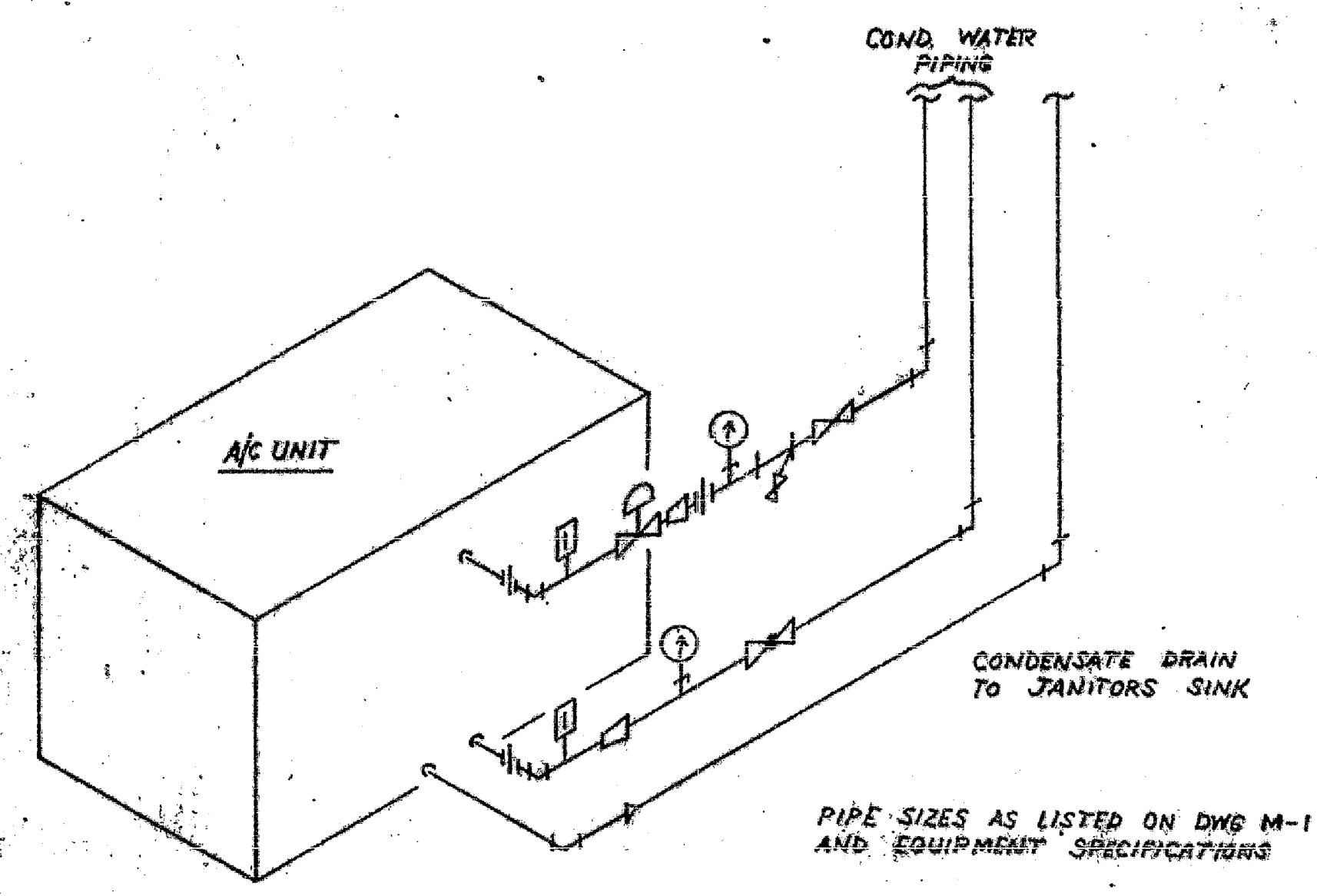
EXISTING SMOKE PANEL SENDS ALARM TO WTC MULTIPLEX SYSTEM



A/C UNITS 5 & 6  
HANGING DETAIL  
NO SCALE



ELEC. SCHEMATIC PLAN



SCHEMATIC PIPING TO A/C UNITS  
NO SCALE

1. This installation shall conform to all applicable codes and requirements.
2. Contractor shall verify conditions.
3. All materials used shall be of first rate & workmanship shall be the best available.
4. Ductwork shall conform to ASHRAE & Smocon.
5. Contractor shall file for and pay all fees, taxes, etc. necessary for timely completion of the work.
6. All temporary work to maintain normal building services in operation shall be part of this contract. Contractor shall coordinate with building management and obtain permission for any work affecting the building.
7. Damage to any existing building system, whether or not due to the contractor's negligence, shall be repaired under this contract at no additional cost to the owner.
8. Entire installation shall be guaranteed for one (1) year after acceptance.
9. Submit three (3) sets of shop drawings & catalog cuts for approval prior to start of construction.
10. All electrical work shall be in accordance with the latest edition of the NEC Electrical Code and the National Electrical Code.
11. Condenser piping shall be hydraulically tested 100 psi for two (2) full hours.
12. Contractor shall maintain field conditions in order to avoid conflicts with new installations.

MATERIALS & EQUIPMENT

- COND. WATER: Pipe - Schedule 40, steel, ASTM-A53, Grade B  
Fittings - Cast iron, screwed, 300 lbs.  
Valves - Jenkins 280 U or equal  
Strainers - Mueller 851 or equal  
Thermometers - Wexler or equal - Scale suitable for use  
Pressure Gauge - Helicoid or equal - Scale suitable for use  
Hangers - Grinnell or equal (8'-0" on center)  
NOTE: All specialties shall be suitable for existing systems  
pressure - 60 PSI  
WIRING: Wire - 1/2" - Type L copper w/solderless joints (condensate)  
Hangers - Grinnell or equal (8'-0" on center)  
STEEL: All steel A36 L's to be galvanized & painted.  
PIPEWORKING: Weld each where necessary  
A/C UNITS 5 & 6: Carrier Model 5K33C, 1,000 BTU/hr, 208/230 volts, 14.5 amp, 2 1/2" in. at 85°F and 95°F out; include glass sight glass, water regulating valve, water vibration isolator; unit shall be suitable for working pressure; provide maintenance schedule; thermostat, condenser pump.  
A/C UNIT 7: Carrier Model 50A008, 1,000 BTU/hr, 230 volts, 36, 60 amp, 2 1/2" in. at 85°F and 95°F out; include glass sight glass, water regulating valve, water vibration pad; unit shall be suitable for 3000 working pressure; provide maintenance schedule; thermostat, condenser pump, condensate pump, C approved equal.  
DAMPER MOTORS: MODEL 845A HONEYWELL 110 VOLT OR APP' EQUAL

TCA/TAA NO. 1981  
DATE APPROVED 10/23/81

REV 1	TO INCORPORATE P.A. COMMENTS	3/19/81
HERBERT SCHWARTZ P.A. 30 5TH AVE NEW YORK NY 10011		
CANTOR FITZGERALD SECURITIES CORP P.O. BOX 1000		
A/C UNIT 5 & 6 - INSTALLATION DETAILS		
DWN. FL.	CHK. H.S.	12/17/80

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